



countdown

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Rollout milestone moves Discovery toward target launch date



◆ Shuttle Update:

After leaving the VAB at 11:47 p.m. Friday, space shuttle Discovery arrived at the pad at 4:25 a.m. Saturday and was hard down at 6:06 a.m. Prelaunch preparations continue this week with the arrival of the STS-124 crew for the practice countdown.



◆ **ELV Update:** At Pad 17-B on Cape Canaveral Air Force Station, a cryogenic test of the Delta II first stage is scheduled for Wednesday. This test includes a countdown and the loading aboard of liquid oxygen as a leak check of the first stage. On Thursday, a simulated flight test will be performed exercising the onboard vehicle systems of the Delta II from liftoff through spacecraft separation. NASA managers are working to resolve an issue with flight ordnance that they consider could affect mission success.

At Astrotech, a final cleaning of

the GLAST spacecraft and the associated black light inspection have been completed. The spacecraft was moved to the hazardous processing facility on Sunday. Fueling operations are scheduled for this week.

■ **Environmental and Energy Awards Program Nominations Due Friday** — The Environmental and Energy Awards Program recognizes NASA and contractor individuals and teams who have demonstrated leadership in enhancing the environment, implementing sustainable practices, conserving energy and preserving natural resources. The nomination form and instructions are available by sending an e-mail message to Maggie.S.Forbes@nasa.gov. Please submit final, complete nominations via e-mail or through the mail system by close of business Friday to Maggie Forbes, TA-C4, 867-3305.

■ **NASA Science** — NASA-funded researchers have released to the general public a new "4D" live model of Earth's ionosphere. Without leaving home, anyone can now fly through the layer of ionized gas that encircles Earth at the edge of space itself. All that's required is a connection to the Internet. You can read the full story at: http://science.nasa.gov/headlines/y2008/30apr_4dionosphere.htm?list947891.

GLAST Delta II ready for simulated flight test Thursday



■ AT&T Phone Directory Delivery --

One Central Brevard AT&T directory will be distributed to each mail code via KSC mail delivery starting this week. Outdated county directories can be placed in the outgoing mail through May 23 for recycling.

KSC has established an on-line Web site to enable you to have the AT&T Directory (aka BellSouth) on your computer desktop. Please use the Web site <http://phonedirectory/> to download and establish a desktop icon to access the digital White and Yellow Pages. This will only work on Internet Explorer, the NASA default browser. Additional hardcopy directories to support new organizations, source boards, etc., can be requested from the KSC phone directory homepage, with proper justification.

■ **Did You Know?** This is National Pet Week, founded in 1981 to promote responsible pet ownership, celebrate the human-animal bond, and promote public awareness of veterinary medicine.

Countdown is published every Tuesday & Thursday for NASA KSC employees. Deadlines are 10 a.m. Mondays & Wednesdays. E-mail news to anita.barrett@jbosc.ksc.nasa.gov. For questions or information, e-mail or call 321-867-2815. You can also find pdf editions of *Countdown* on the Web at http://www.nasa.gov/centers/kennedy/news/countdown/countdown_toc.html.